DELAWARE SAND AND GRAVEL LANDFILL SITE ADMINISTRATIVE RECORD FILE * ** INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

- 1. Legal Notice of application by Delaware Sand and Gravel Company to continue to operate landfill in New Castle, Delaware, 8/13/68. P. 100001-100001.
- 2. Letter to Mr. Joseph DellAversano, Delaware Sand and Gravel Company, from Mr. John C. Bryson, State of Delaware, Water and Air Resources Commission (WARC), re: Certification of Approval for operation of a sanitary landfill, 10/3/68. P. 100002-100006. A letter of application for a Certificate of Approval and a letter describing the inorganic waste and the landfill operation are attached.
- 3. Letter to Mr. Joseph DellAversano, Delaware Sand and Gravel Company, from Ms. J. Lynn Hopkins, re: Application for more comprehensive Certificates of Approval, 8/27/69. P. 100007-100007.
- 4. Letter to Mr. Joseph DellAversano, Delaware Sand and Gravel Company, from Mr. Hugh J. Maughi, Air Pollution Control Division, re: Disapproval of application to dispose of liquid waste, 10/6/69. P. 100008-100008.
- 5. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. Frederic L. Stiegler, Jr., re: Requirements for preparing applications, 8/17/70. P. 100009-100009.
- 6. Letter to State of Delaware, Department of the Board of Health, from Mr. Vincent DellAversano, Delaware Sand and Gravel Company, re: Compliance with applicable regulations, 8/24/70. P. 100010-100010.
- * Administrative Record File available 2/10/88, updated 6/24/88, 8/31/90, 11/8/91, and 10/7/99.
- ** Supporting sampling data stored at the EPA Region III Central Regional Laboratory in Annapolis, Maryland.

- 7. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. Donald K. Harmeson, State of Delaware, Department of Health and Social Services, re: Approval to dispose of solid waste by sanitary landfill, 10/28/70. P. 100011-100013.
- 8. Letter to Mr. Joseph DellAversano, Delaware Sand and Gravel Company, from Mr. Robert R. French, Delaware Department of Natural Resources and Environmental Control (DNREC), re: Investigation of ground water contamination sources at Llangollen Estates, 10/12/72. P. 100014-100014.
- 9. Letter to Mr. Joseph DellAversano, Delaware Sand and Gravel Company, from Mr. Robert R. French, DNREC, re: Reinstatement of Certificate of Approval, 12/13/72. P. 100015-100015.
- 10. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. John C. Bryson re: Failure to submit formal application, 9/27/74. P. 100016-100018. A memorandum and a letter regarding anticipation of written approval are attached to the letter.
- 11. Letter to Mr. Pasquale Canzano, DNREC, from Mr. Vincent DellAversano, Delaware Sand and Gravel Company, re: Compliance with new regulations adopted in August 1974, 10/14/74. P. 100019-100019.
- 12. DNREC Request for Laboratory Analysis, 5/6/75. P. 100020-100025.
- 13. DNREC Evidence Control Log, 5/6/75. P. 100026-100026.
- 14. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. N.C. Vasuki, re: Plans to drive new wells for water quality analysis, 5/13/75. P. 100027-100027.
- 15. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. Michael A. Apgar,

- DNREC, re: Schedule for well installation, 5/20/75. P. 100028-100028.
- 16. Memorandum to Mr. Charles J'Anthony, DNREC, from Mr. Jay G. Lehman, DNREC, re: Procedures used on sampling and analysis, 5/22/75. P. 100029-100029.
- 17. DNREC Request for Laboratory Analysis, 6/19/75. P. 100030-100032.
- 18. DNREC Request for Laboratory Analysis, 8/7/75. P. 100033-100034.
- 19. DNREC Request for Laboratory Analysis, 8/8/75. P. 100035-100037.
- 20. DNREC Request for Laboratory Analysis, 8/22/75. P. 100038-100039.
- 21. Letter to Mr. Pasquale S. Canzano, DNREC, from Mr. Vincent DellAversano, Delaware Sand and Gravel Company, re: Efforts to comply with regulations set forth in permit, 11/11/75. P. 100040-100040.
- 22. Letter to Mr. Vincent DellAversano, Delaware Sand and Gravel Company, from Mr. Pasquale S. Canzano, DNREC, re: Warning of possible permit suspension/revocation if violation continues, 1/7/76. P. 100041-100042.
- 23. Letter to Mr. Pasquale S. Canzano, DNREC, from Mr. Vincent DellAversano, Delaware Sand and Gravel Company, re: Responses to questions posed in January 7th letter, 1/21/76. P. 100043-100044.
- 24. Memorandum to Mr. C. J'Anthony, DNREC, from Mr. J.G. Lehman, DNREC, re: Well water samples, 6/28/76. P. 100045-100045.
- 25. Letter to Ms. June D. MacArtor and Mr. Timothy M. Rafferty from Mr. George R. Wright, State of Delaware, Superior Court, re: Modification on judgement amount, 10/26/79. P. 100046-100046.
- 26. Potential Hazardous Waste Site Log, Delaware Sand and Gravel Company, 11/21/79. P. 100047-100047.

- 27. Legal Stipulation Agreement between State of Delaware and Delaware Sand and Gravel Company, 11/30/79. P. 100048-100053.
- 28. Potential Hazardous Waste Site Identification Form, 10/31/80. P. 100054-100054.
- 29. General Guidelines for Construction of Monitor Wells, DNREC, 7/80. P. 100055-100055.
- 30. Memorandum to Mr. William L. Osburn from Mr. Ramesh Shah, re: Location of monitor wells, 8/21/81.
 P. 100056-100056.
- 31. Letter to Ms. June D. MacArtor and Mr. Timothy M. Rafferty from Mr. George R. Wright, State of Delaware, Superior Court, re: Denial of defendant's motion for dismissal of complaint, 10/20/81. P. 100057-100060. A copy of a legal notice is attached to the letter.
- 32. Letter to private well owners from Mr. Richard B. Howell, III, State of Delaware, Department of Health and Social Services, re: Results of organic analysis, 10/27/81. P. 100061-100066. A list of property owners, well characteristics, and a mailing list are attached.
- 33. Report: Well Drilling at Delaware Sand and Gravel Landfill, prepared by Mr. C.K. Lee and Mr. Joseph G. McGovern, Ecology and Environment, Inc., 10/8/82.

 P. 100067-100225.
- 34. Memorandum to Mr. Bruce Potoka, U.S. EPA, from Mr. Robert Marguccio, Weston Sper, re: Site observations, 12/1/83. P. 100226-100228. A rough sketch of Delaware Sand and Gravel Site and a table of Priority Pollutants are attached.
- 35. Report: Analytical Laboratory Testing of Samples from Possible Superfund Clean-Up Site, "Delaware Sand and Gravel", prepared by Century Environmental Testing Labs, Inc., 12/7/83. P. 100229-100278.
- 36. Memorandum to Mr. Robert Pickert, DNREC, from Dr. Lawrence J. Krone, State of Delaware, Department of

- Health and Social Services, re: Requested information regarding drinking water samples, 3/7/84. P. 100279-100281. A map is attached.
- 37. Report: A Site Inspection of Llangollen Landfill and Delaware Sand and Gravel Landfill, prepared by Mr. C.K. Lee, Ecology and Environment, Inc., (undated). P. 100282-100420.
- 38. Application for a Supplemental Appropriation for Assessment of the Impact of the Delaware Sand and Gravel Company Landfill on Water Quality in the Underlying Potomac Aquifer, (undated). P. 100421-100422. A comparison of water quality data is attached to the application.

III. REMEDIAL RESPONSE PLANNING

- Letter to Mr. Michael Apgar, DNREC, from Mr. Gary W. Wojcik, NUS Corporation, re: Preparation of Remedial Action Master Plan, 1/27/83. P. 300001-300004. A reference sheet and a comment sheet are attached.
- Report: Remedial Action Master Plan, Delaware Sand and Gravel Landfill, prepared by NUS Corporation, 6/83.
 P. 300005-300105.
- 3. Memorandum to Mr. William Hedeman, Jr., U.S. EPA, from Ms. Lisa K. Friedman, U.S. EPA, re:
 Authorization to proceed with Initial Remedial
 Measures, 8/2/83.
 P. 300106-300106.
- 4. Memorandum to Mr. William N. Hedeman, Jr., U.S. EPA, from Mr. Kirk Sniff, U.S. EPA, re: Authorization to proceed with Initial Remedial Measures, 8/4/83.
 P. 300107-300107.
- 5. Memorandum to Mr. Lee M. Thomas, U.S. EPA, from Mr. William N. Hedeman, Jr., U.S. EPA, re: Request for authorization of funds, 8/25/83. P. 300108-300111.
- 6. Report: Work Plan, Initial Remedial Measures and Remedial Investigation/Feasibility Study (RI/FS), prepared by NUS Corporation, 12/83. P. 300112-300167.
- 7. Federal Assistance Application Form, 2/24/84. P. 300168-300174. The following documents are attached:
 - a) Part II Project Approval Information;
 - b) Part III Budget Information;
 - c) Section B Schedule B Budget Categories;
 - d) Section C Non-Federal Resources;
 - e) Procurement System Certification.
- 8. U.S. EPA Assistance Agreement, 6/27/84. P. 300175-300179.
- 9. Letter to Mr. John E. Wilson, III, DNREC, from Mr. Thomas Eichler, U.S. EPA, re: Announcement of the

- award under CERCLA for the implementation of the Remedial Investigation and Feasibility Study for Delaware Sand and Gravel, 7/3/84. P. 300180-300180.
- 10. Letter to Mr. Frank Snock, U.S. EPA, from Mr. John E. Wilson, DNREC, re: Signed assistance agreement, 7/16/84. P. 300181-300189. The following are attached:
 - a) an Assistance Amendment;
 - b) Amendment Number 1 to Contract for Personal Services;
 - c) Amendment Number 2 to Contract for Personal Services;
 - d) Amendment Number 3 to Contract for Personal Services;
 - e) Amendment Number 4 to Contract for Personal Services.
- 11. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 11/84. P. 300190-300201. A
 letter of transmittal is attached to the report.
- 12. Report: <u>Technical Progress Report Delaware, Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 12/84. P. 300202-300209. A
 letter requesting data is attached to the report.
- 13. Letter to Ms. Debbie Buniski, E.H. Richardson Associates, Inc., from Mr. William J. Miller, III, Dunn Geoscience Corporation, re: Geophysical survey schedule, 12/7/84. P. 300210-300212. A map is attached to the letter.
- 14. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 1/85. P. 300213-300222.
- 15. Report: <u>Sampling Plan: Delaware Sand and Gravel RI/FS</u>, (no author cited), 1/25/85. P. 300223-300229.

- 16. Letter to Mr. Robert Pickert, DNREC, from Mr. Dominic DiGiulio, U.S. EPA, re: Critique of Quality Assurance Project Plan, 1/31/85. P. 300230-300233.
- 17. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 2/85. P. 300234-300244.
- 18. Letter to Mr. Ben Coston, DNREC, from Mr. William J. Miller, III, Dunn Geoscience Corporation, re: Project scheduling delays, 2/6/85. P. 300245-300245.
- 19. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel RI/FS</u>, prepared by Dunn Geoscience Corporation 3/85. P. 300246-300263.
- 20. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 4/85. 300264-300275.
- 21. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 5/85. 300276-300289.
- 22. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 6/85. P. 300290-300300.
- 23. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 7/85. P. 300301-300304.
- 24. Report: <u>Technical Progress Report, Delaware Sand</u> <u>and Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 8/85. P. 300305-300308.
- 25. Report: <u>Technical Progress Report, Delaware Sand</u> <u>and Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 9/85. P. 300309-300314.
- 26. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 10/85. P. 300315-300320. A

- letter regarding the work performed during October 1985 is attached.
- 27. Letter to Mr. Steve Young, DNREC, from Mr. Dominic DiGiulio, U.S. EPA, re: The progress of Delaware Sand and Gravel Remedial Investigation Study, 10/25/85. P. 300321-300322.
- 28. Letter to Mr. John E. Wilson, III, DNREC, from Ms. Catherine A. Mastropieri, U.S. EPA, re: Letter of credit, 10/31/85. P. 300323-300324. A letter of credit application is attached.
- 29. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 11/85. P. 300325-300330. A
 letter regarding the work performed during November
 1985 is attached.
- 30. Letter to Mr. Dominic DiGiulio, U.S. EPA, from Mr. P. Steven Young, DNREC, re: Clarification of the progress of the Delaware Sand and Gravel Remedial Investigation Study, 11/20/85. P. 300331-300332.
- 31. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 12/85. P. 300333-300335.
 A letter regarding the work performed during
 December 1985 is attached.
- 32. Memorandum to Secretary Wilson from Mr. Robert C. Pickert, re: Dunn Geoscience contract amendment for Delaware Sand and Gravel, 12/24/85. P. 300336-300343. A contract for Personal Services is attached.
- 33. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 1/86. P. 300344-300347. A letter regarding the work performed during January 1986 is attached.
- 34. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 2/86. P. 300348-300353.

- 35. Report: <u>Technical Progress Report, Delaware Sand</u> and <u>Gravel Landfill RI/FS</u>, prepared by Dunn Geoscience Corporation, 3/86. P. 300354-300362.
- 36. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 4/86. P. 300363-300368. A
 letter regarding the work performed during April
 1986 is attached.
- 37. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 5/86. P. 300369-300374. A
 letter regarding the work performed during May 1986
 is attached.
- 38. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 6/86. P. 300375-300378. A
 letter regarding the work performed during June 1986
 is attached.
- 39. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 7/86. P. 300379-300387. A
 letter regarding the work performed during July 1986
 is attached.
- 40. Report: Feasibility Study For the Army Creek
 Landfill, New Castle, Delaware, prepared by Roy F.
 Weston, Inc., 7/86. P. 300388-302370. Appendix A
 through P, Appendix R, Addendum to Appendix O, and a
 revised Appendix R are attached.
- 41. Report: <u>Biological Investigation on Army Creek</u>, 8/86. P. 302371-302393.
- 42. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 8/86. P. 302394-302397. A
 letter of transmittal is attached.
- 43. Memorandum to Secretary John E. Wilson, III, from Ms. Nancy Camp, re: Dunn Geoscience contract Amendment #5 for Delaware Sand and Gravel, 8/21/86.

- P. 302398-302408. Amendment #5 to Contract for Personal Services is attached.
- 44. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 9/86. P. 302409-302411. A letter regarding the work performed during September 1986 is attached.
- 45. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 10/86. P. 302412-302415. A letter regarding the work performed during October 1986 is attached.
- 46. Report: Preliminary Assessment: Delaware Sand & Gravel, prepared by Mr. Alan Humphrey, U.S. EPA, 11/86. P. 302416-302435.
- 47. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 11/86-12/86. P. 302436-302440. A letter regarding the work performed during November and December 1986 is attached.
- 48. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 1/87. P. 302441-302443. A
 letter regarding the work performed during January
 1987 is attached.
- 49. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 2/87. P. 302444-302447. A letter regarding the work performed during February 1987 is attached.
- 50. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 3/87. P. 302448-302450. A
 letter regarding the work performed during March
 1987 is attached.

- 51. Report: <u>Technical Progress Report, Delaware Sand</u>
 <u>and Gravel Landfill RI/FS</u>, prepared by Dunn
 Geoscience Corporation, 4/87. P. 302451-302454. A
 letter regarding the work performed during April
 1987 is attached.
- 52. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 5/87. P. 302455-302461. A letter regarding major items from May 11th Delaware Sand and Gravel meeting and a letter regarding the work performed during May 1987 are attached.
- 53. Letter to Mr. David C. Clark, Department of Public Works, New Castle County, from Mr. J. Paul Jones, DNREC, re: Summary of comments and responses to a permit, 5/18/87. P. 302462-302481. Authorization to Discharge Under National Pollutant Discharge Elimination System and the Laws of the State of Delaware is attached.
- 54. Memorandum to the Mr. John E. Wilson, III, from Ms. Nancy Camp, DNREC, re: Amendment #2 to the Delaware Sand and Gravel fund grant, 5/25/87. P. 302482-302505. The proposed grant amendment is attached.
- 55. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 6/87. P. 302506-302509. A letter regarding the work performed during June 1987 is attached.
- 56. Report: Technical Progress Report, Delaware Sand and Gravel Landfill RI/FS, prepared by Dunn Geoscience Corporation, 7/87. P. 302510-302512. A letter regarding the work performed during July 1987 is attached.
- 57. Report: Appendices to the Feasibility Study for the Delaware Sand and Gravel Landfill, prepared by Dunn Geoscience Corporation, 12/87. P. 302513-302811.
- 58. Report: Remedial Investigation, Delaware Sand and Gravel Landfill, Appendices A-D, prepared by Dunn Geoscience Corporation, 12/87. P. 302812-303116.

- 59. Report: Remedial Investigation, Delaware Sand and Gravel Landfill, Appendices E-G, prepared by Dunn Geoscience Corporation, 12/87. P. 303117-303390.
- 60. Report: Remedial Investigation, Delaware Sand and Gravel Landfill, Appendices H-J, prepared by Dunn Geoscience Corporation, 12/87. P. 303391-303690.
- 61. Report: Remedial Investigation, Delaware Sand and Gravel Landfill, Plates 1-4, prepared by Dunn Geoscience Corporation, 12/87. P. 303691-303695.
 - 62. Letter to Ms. Nancy Camp, DNREC, from Mr. William J. Miller, Dunn Geoscience Corporation, re: Amendment #6 for the Remedial Investigation/Feasibility Study at the site, 12/11/87. P. 303696-303724. A memorandum regarding approval of Dunn Geoscience Corporation contract Amendment #6 for the Remedial Investigation/ Feasibility Study at Delaware Sand and Gravel, Amendment #6 for Personal Services, and an amended Scope of Services are attached.
 - 63. Report: Remedial Investigation, Delaware Sand & Gravel Landfill, Draft Final Report, prepared by Dunn Geoscience Corporation, 12/29/87. P. 303725-304060.
 - 64. U.S. EPA Assistance Amendment, 1/12/88. P. 304061-304062.
 - 65. Report: <u>Draft Final Feasibility Study for the Delaware Sand and Gravel Landfill</u>, prepared by Dunn Geoscience Corporation, 2/12/88. P. 304063-304283.
 - 66. Letter to DNREC from Mr. Wm. Roger Truitt, Schmeltzer, Aptaker & Sheppard, P.C., re: Comments of New Castle County on the Remedial Investigation, Feasibility Study, and Proposed Plan for the Delaware Sand and Gravel Site, 3/26/88. P. 304284-304302. A memorandum regarding the conclusion of the modeling efforts by Dunn Geosciences and a letter regarding a review of the RI/FS are attached.

- 67. Letter to Ms. Nancy Camp, DNREC, from S.A. LaRocca, ICI Americas Inc., re: Comments on the Delaware Sand and Gravel Landfill, 4/18/88. P. 304303-304307. A cover letter and a Preliminary Review of RI/FS Documents for the Delaware Sand and Gravel Landfill are attached.
- 68. Letter to Ms. Nancy Camp, DNREC, from Ms. Pamela Meitner, E.I. DuPont De Nemours & Company, re: Comments on the RI/FS of the Delaware Sand and Gravel Landfill, 4/18/88. P. 304308-304336. A Preliminary Review of the Remedial Investigation/Feasibility Study for the Delaware Sand and Gravel Landfill, New Castle County, Delaware is attached.
- 69. Letter to Mr. James M. Seif, U.S. EPA, from Mr. Phillip G. Retallick, DNREC, re: Completion of the Record of Decision, 4/21/88. P. 304337-304420. The Record of Decision is attached.
- 70. Five Year Review Report, Delaware Sand & Gravel Site, New Castle, DE, prepared by the U.S. EPA, 9/30/99. P. 304421-304428.

IV. <u>EMERGENCY REMOVAL RESPONSE</u>

- Superfund Emergency Actions-Potential Incidents/Sites Form, 9/10/81. P. 400001-400004. A Fund Authorization Report is attached.
- 2. Memorandum to Mr. Bruce Potoka, U.S. EPA, from Mr. Robert Marguccio, Weston-Sper, re: Site investigation and sampling at the Delaware Sand and Gravel Site, 12/1/83. P. 400005-400005.
- 3. Report: <u>Delaware Sand and Gravel Drum Dump</u>

 <u>Immediate Removal Funding Request</u>, (author unknown),

 1/11/84. P. 400006-400016.
- 4. Memorandum to Dr. Harry Otto, DNREC, from Mr. Robert C. Pickett and Mr. Mark F. Boller, DNREC, re: Sampling of monitor wells at Delaware Sand and Gravel, 4/17/84. P. 400017-400020. Analytical results of ground water samples are attached.
- 5. Memorandum to Mr. Thomas P. Eichler, U.S. EPA, from Mr. Bruce Potoka, U.S. EPA, re: Completion of the immediate removal action, 4/19/84. P. 400021-

400021.

- 6. DNREC Request for Laboratory Analysis for Sample Numbers 1205-1209, 4/24/84. P. 400022-400033. The following are attached:
 - a) two Evidence Control Logs for Sample Numbers 1205-1209;
 - b) a Special Analytical Request for Sample Numbers 1205-1209;
 - c) an Organic Analytical Request for Sample Numbers 1205-1209;
 - d) an Interim Request for Laboratory Analysis for Sample Numbers 1205-1209;
 - e) a Final Request for Laboratory Analysis for Sample Numbers 1205-1209.
- 7. DNREC Request for Laboratory Analysis for Sample Numbers 1264-1269, 5/1/84. P. 400034-400047. The following are attached:
 - a) two Evidence Control Logs for Sample Numbers 1264-1269;
 - b) a Special Analytical Request for Sample Numbers 1264-1268;
 - c) a Special Analytical Request for Sample Nnumber 1269;
 - d) an Organic Analytical Request for Sample Numbers 1264-1268;
 - e) an Organic Analytical Request for Sample Number 1269;
 - f) an Interim Request for Laboratory Analysis for Sample Numbers 1264-1269;

- g) a Final Request for Laboratory Analysis for Sample Numbers 1264-1269.
- 8. DNREC Request for Laboratory Analysis for sample numbers 1288-1294, 5/2/84. P. 400048-400062. The following are attached:
 - a) two Evidence Control logs for sample numbers 1288-1294;
 - b) a Special Analytical Request for sample numbers 1288-1292;
 - c) a Special Analytical Request for sample numbers 1293 and 1294;
 - d) an Organic Analytical Request for sample numbers 1288-1292;

- e) an Organic Analytical Request for sample numbers 1293 and 1294;
- f) an Interim Request for Laboratory Analysis for sample numbers 1288-1294;
- g) a Final Request for Laboratory Analysis for sample numbers 1288-1294.
- 9. Location map of Monitoring Wells and Boreholes, Delaware Sand and Gravel, prepared by NUS Corporation, 6/8/82. P. 400063-400063.
- 10. Delaware Sand and Gravel compounds, range, and water quality criteria analysis, (undated). P. 400064-400064.
- 11. Report: <u>Federal On-Scene Coordinator's Report,</u>
 <u>Delaware Sand and Gravel, New Castle County,</u>

Delaware, Immediate Removal Project, National
Priority List (Number 170), prepared by U.S. EPA,
(undated). P. 400065-400265.

V. COMMUNITY

INVOLVEMENT/CONGRESSIONAL/CORRESPONDENCE/IMAGERY

- 1. Location map showing the configuration of the water table in, and in the vicinity of, the Llangollen Landfill, Delaware Sand and Gravel, (author unknown), 1/14/74. P. 500001-500003.
- Location map of the Army Creek Landfill, New Castle Co., Delaware, and Delaware Sand and Gravel, 2/81.
 P. 500004-500004.
- 3. Report: Community Relations Plan, Delaware Sand and Gravel Landfill, New Castle County, Delaware, (author not cited), 2/84. P. 500005-500019.
- 4. Press release from U.S. EPA Environmental News entitled "Cleanup Activities for Former Delaware Sand and Gravel Landfill," 3/5/84. P. 500020-500021.
- 5. Press release from DNREC, re: Signing of a contract for the investigation of ground water contamination at Delaware Sand and Gravel, Inc. Landfill, 11/21/84. P. 500022-500023.
- 6. Location map of the Geologic Cross Section through Landfills, (undated). P. 500024-500024.
- 7. Location map of the Wells for Sampling Groundwater Quality Beneath the Delaware Sand Co. Landfill, Part 1, (undated). P. 500025-500026.
- 8. Location map of the Wells for Sampling Groundwater Quality Beneath the Delaware Sand Co. Landfill, Part 2, (undated). P. 500027-500031.
- 9. Location map of the State of Delaware Wetlands, (undated). P. 500032-500032.
- 10. Site Features Map of the Llangollen Landfill and the Delaware Sand and Gravel Landfill, (undated). P. 500033-500033.